OBLON, SPIVAK, ET AL
DOCKET #: 202408US2
INV: Francisco ANDEYRO GARCIA
SHEET 1 OF 5

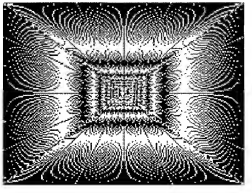


Figure 1

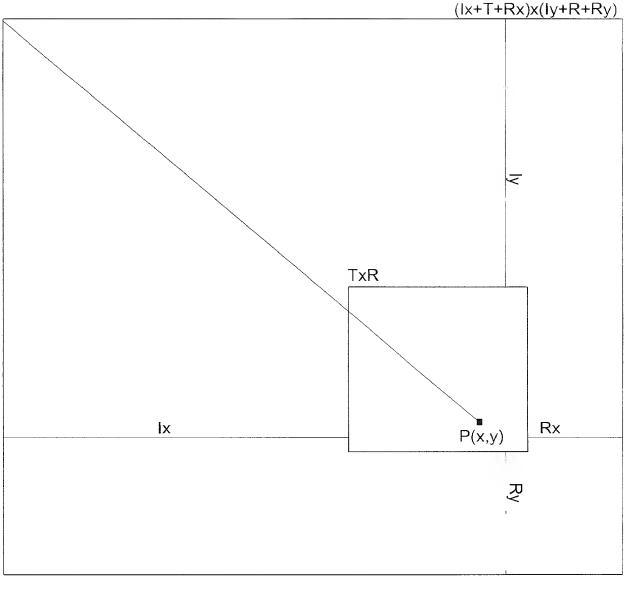
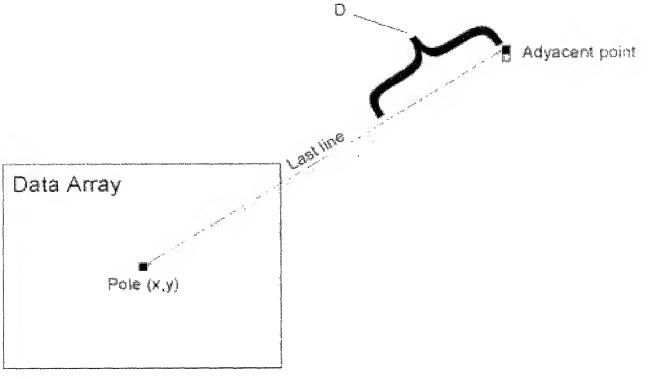
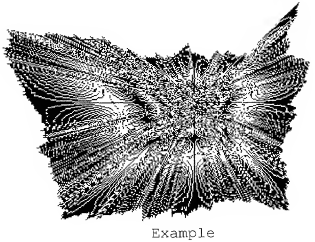


Figure 2





Example

Figure 3

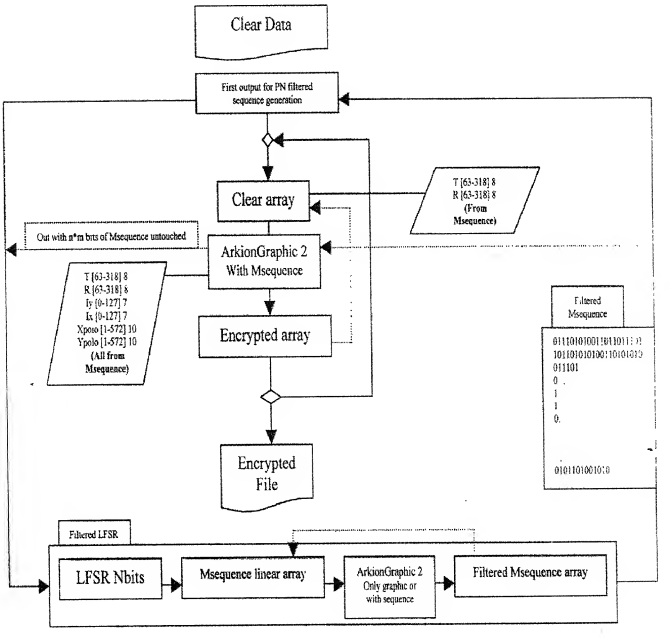

Clear Data
First output for PN filtered sequence generation
Clear array
T [63-318] 8
R [63-318] 8
(From Msequence)
Out with n*m bits of Msequence untouched
ArkionGraphic 2 With Msequence
T [63-318] 8
R [63-318] 8
fy [0-127] 7
fx [0-127] 7
Xposs [1-572] 10
Ypols [1-572] 10
(All from Msequence)
Encrypted array
Filtered Msequence
Encrypted File
Filtered LFSR
LFSR Nbits
Msequence linear array
ArkionGraphic 2 Only graphic or with sequence
Filtered Msequence array

Figure 4

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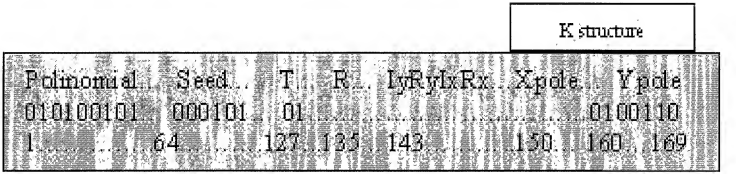

Figure 5

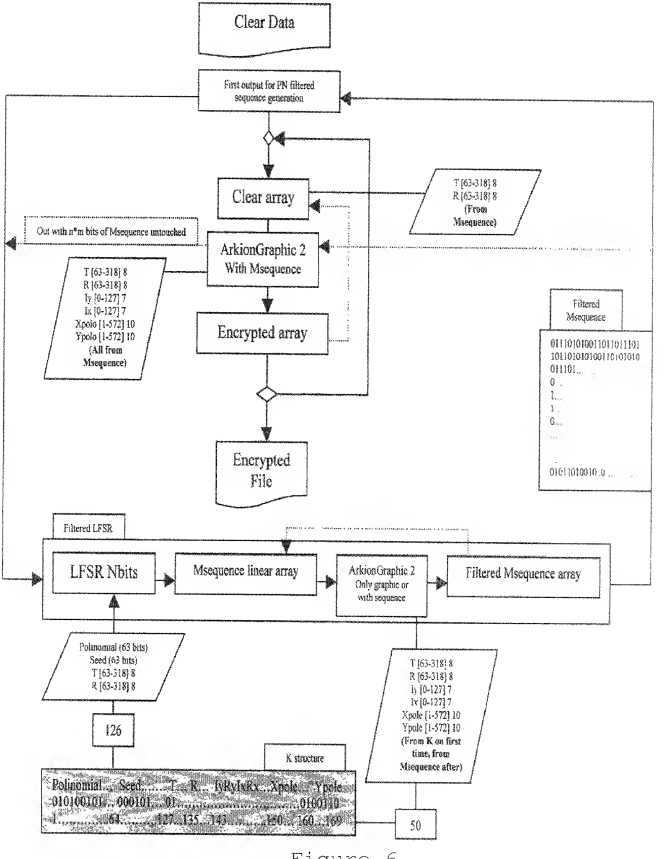
Clear Data
First output for PN filtered sequence generation
Clear array
T [63-318] 8
R [63-318] 8
(From Msequence)
Out with n*m bits of Msequence untouched
ArkionGraphic 2
With Msequence
T [63-318] 8
R [63-318] 8
Iy [0-127] 7
Ix [0-127] 7
Xpolo [1-572] 10
Ypolo [1-572] 10
(All from Msequence)
Encrypted array
Filtered Msequence
Encrypted File
Filtered LFSR
LFSR Nbits
Msequence linear array
ArkionGraphic 2
Only graphic or with sequence
Filtered Msequence array
Polinomial (63 bits)
Seed (63 bits)
T [63-318] 8
R [63-318] 8
126
T [63-318] 8
R [63-318] 8
Iy [0-127] 7
Ix [0-127] 7
Xpolo [1-572] 10
Ypolo [1-572] 10
(From K on first time, from Msequence after)
K structure
Polinomial...Seed.....K...IyRyIxRx...Xpolo...Ypolo
50

Figure 6